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WHAT I/WE CLAIM IS:

 An anti-foaming device configured to reduce foaming of a fluid within a fluid reservoir, the device including,

a conduit wherein the conduit is in contact with at least a part of the exterior surface of the fluid reservoir,

a thermally conductive media wherein the media is past through the conduit, and

a heat transfer device,

characterised in that

the heat transfer device controls the temperature of the media within the conduit to hold the temperature of the fluid above or below a foaming temperature.

- 2. An anti-foaming device as claimed in claim 1 wherein the fluid is milk.
- 3. An anti-foaming device as claimed in either claim 1 or claim 2 wherein the media is water.
- 4. An anti-foaming device as claimed in any one of claims 1 to 3 wherein the conduit is configured in the form of a spiral jacket.
- 5. An anti-foaming device as claimed in claim 4 wherein the spiral jacket is fitted around the external surface of the fluid reservoir.
- 6. An anti-foaming device as claimed in any one of claims 1 to 5 wherein the conduit is fitted to ensure that adequate media flow throughout the

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conduit is sufficient to eliminate any dead spots where the media flow rate is insufficient to adequately control the temperature of the fluid.

7. A method of reducing foaming of a fluid within a fluid reservoir characterised by the step of operating an anti-foaming device which includes

a conduit wherein the conduit is in contact with at least a part of the exterior surface of the fluid reservoir,

a thermally conductive media wherein the media is past through the conduit, and

a heat transfer device,

characterised in that

the heat transfer device controls the temperature of the media within the conduit to hold the temperature of the fluid above or below a foaming temperature.

- 8. A method as claimed in claim 7 wherein the fluid is milk.
- 9. A method as claimed in claim 7 or claim 8 wherein the media is water.
- 10. A method as claimed in any one of claims 7 to 9 wherein the conduit is configured in the form of a spiral jacket.
- 11. A method as claimed in claim 10 wherein the spiral jacket is fitted around the external surface of the fluid reservoir.

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12. A method as claimed in any one of claims 7 to 11 wherein the conduit is fitted to ensure that adequate media flow throughout the conduit is sufficient to eliminate any dead spots where the media flow rate is insufficient to adequately control the temperature of the fluid.

- 13. A method of chilling a fluid characterised by the step of using an antifoaming device as claimed in any one of claims 1 to 6.
- 14. An anti-foaming device substantially as herein described with reference to and as illustrated by the accompanying drawings.
- 15. A method of operating an anti-foaming device substantially as herein described with reference to and as illustrated by the accompanying drawings.
- 16. A method of chilling a fluid substantially as herein described with reference to and as illustrated by the accompanying drawings.